

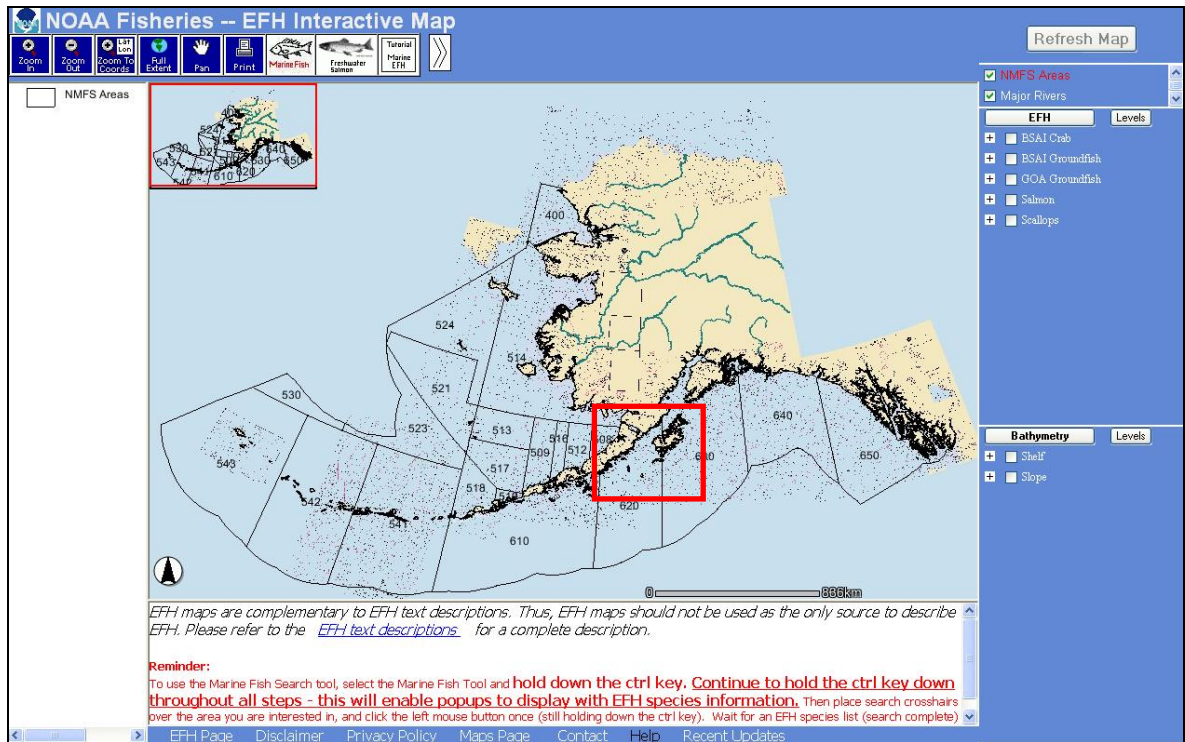
Marine EFH Search Tutorial

EFH Species Search Steps

1. Locate the **tool bar** at the top of the **EFH map interface window** and click the **Zoom-In tool button** (see below).



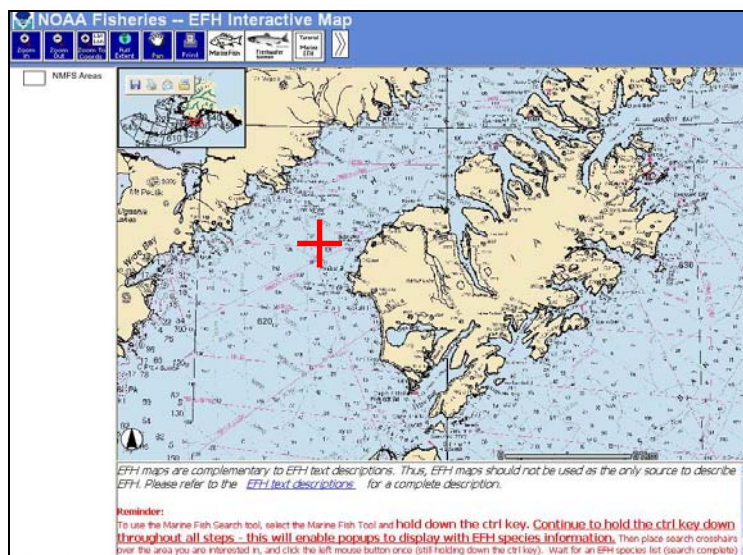
2. Select the area you are interested in on the map by using the **Zoom-In** tool to create-a-box around the area. To do so, hold down the right mouse key and drag a square or rectangle (see image below). Then release the mouse button.



- Return to the tool bar. Click on the **Marine Fish tool button** (see below).



- Press the control key and continue to hold down for remainder of search.** If you do not hold down the control key, your browser's pop-up blocker, may prevent the EFH species information from displaying in a new pop-up window.
- Then place the Marine Fish Tool **cross-hairs** (see red cross below) over a location (latitude/longitude) and click once. **DO NOT** release the control key.



- Wait for **EFH Search Results** to appear in new window (like below). Release the control key when the new window is completely loaded and you see the message: **EFH Search Complete**. (If an error occurs, please see "Common Errors and Solutions".)

EFH Species Presence		
Gulf of Alaska region altitude: 57° 4.947' N longitude: 154° 57.787' W Depth Stratum: Outer Shelf (101-200m)		
Species	EFH General Distribution Map Descriptions (If available) Disclaimer	EFH General Distribution Text Descriptions Disclaimer
Alaska Plaice	✓	✓
Arrowtooth Flounder	✓	✓
Alaska Macrurus		✓
Capelin		✓
Chinook Salmon	✓	✓
Chum Salmon	✓	✓
Coho Salmon	✓	✓
Power Sole	✓	✓
Dusky Rockfish	✓	✓
Eulachon		✓
Flathead Sole	✓	✓
Greenland Turbot		✓
Light Dusky Rockfish		✓
Northern Rockfish	✓	✓
Octopus		✓
Pacific Cod	✓	✓
Pacific Ocean Perch	✓	✓
Pink Salmon	✓	✓
Rex Sole	✓	✓

- A pop-up box (like below) will list the **EFH species present** in the latitude and longitude of the area you selected. If necessary, you can copy and paste this information by highlighting the text, and holding down the Ctrl and C keys (at the same time) to copy the text to another document. When you open the new document, hold down the Ctrl and V keys to paste the text.

EFH Species Presence

Gulf of Alaska region
 Latitude: 57° 4.947' N
 Longitude: 154° 57.787' W
 Depth Stratum: Outer Shelf (101-200m)

- Click on an [EFH Species](#) for the associated EFH Text. If necessary, you can copy and paste this information by highlighting the text, and holding down the Ctrl and C keys (at the same time) to copy the text to another document. When you open the new document, hold down the Ctrl and V keys to paste the text.

EFH Species Presence	
Gulf of Alaska region Latitude: 57° 4.947' N Longitude: 154° 57.787' W Depth Stratum: Outer Shelf (101-200m)	
Species	EFH General Distribution Map De Disclaimer
Alaska Plaice	✓
Arrowtooth Flounder	✓
Atka Mackerel	
Capelin	
Chinook Salmon	✓
Chum Salmon	✓
Coho Salmon	✓
Dover Sole	✓
Dusky Rockfish	✓

- After you click on an EFH Species link, the **text description** will be displayed (as below).

EFH Description for GOA Alaska Plaice

Eggs
 EFH for Alaska plaice eggs is the general distribution area for this life stage, located in pelagic waters along the entire shelf (0 to 200 m) and upper slope (200 to 500 m) throughout the GOA in the spring.

Larvae
 EFH for larval Alaska plaice is the general distribution area for this life stage, located in pelagic waters along the entire shelf (0 to 200 m) and upper slope (200 to 500 m) throughout the GOA.

Early Juveniles—No EFH Description Determined
 Insufficient information is available.

Late Juveniles
 EFH for late juvenile Alaska plaice is the general distribution area for this life stage, located in the lower portion of the water column along the inner (0 to 50 m), middle (50 to 100 m), and outer (100 to 200 m) shelf throughout the BSAI wherever there are softer substrates consisting of sand and mud.

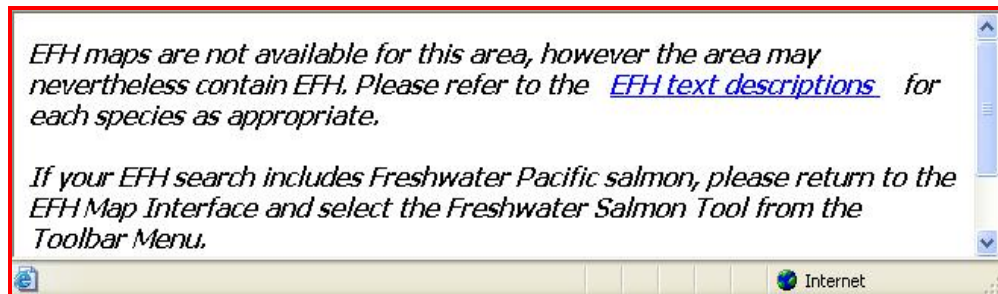
Adults
 EFH for adult Alaska plaice is the general distribution area for this life stage, located in the lower portion of the water column along the inner (0 to 50 m), middle (50 to 100 m), and outer (100 to 200 m) shelf throughout the BSAI wherever there are softer substrates consisting of sand and mud.

EFH Description for GOA Rex Sole

Eggs
 EFH for rex sole is the general distribution area for this life stage, located in pelagic waters along the entire shelf (0 to 200 m) and upper slope (200 to 500 m) throughout the GOA in the spring.

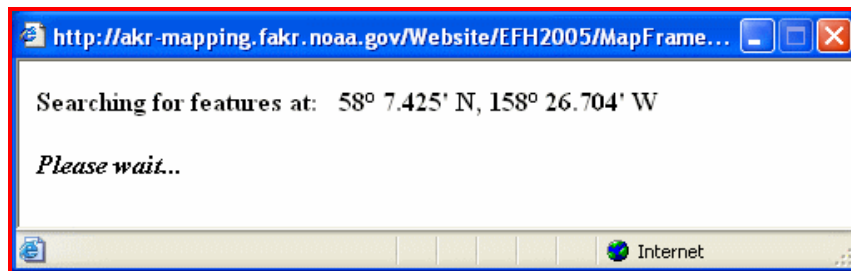
Common Errors and Solutions

1. Did you receive an error message like below?



Solution: Do not select the shoreline or land directly under the search cross-hair. If this happens, the EFH Search will return “not available”. For nearshore areas, move cursor further offshore and repeat search. For inland streams, select the Freshwater Salmon Tool or see Pacific Salmon profiles.

2. If your search result is “*Please wait...*” (like below), then a pop-up blocker is keeping your browser from displaying the EFH Species information in a new window.



Solution:

1. **Turn off your pop-up blocker** by going to the top of the Internet Explorer (or other) browser window. Then select tools, and turn pop-up blocker off, or change pop-up blocker settings.

AND

2. **Then start your search again** by following steps 1 – 9, but **don't forget to HOLD DOWN THE CTRL KEY** during steps 4 and 5.

How to Use the Map Tools/Icons:



Zoom In: Use this tool to zoom in on the map. Clicking once will zoom in, centering at the point you clicked. Dragging a box will zoom into the area of the box.



Zoom Out: Use this tool to zoom out from the map, centering at the point you clicked.



Zoom to Coordinates: Use this tool to enter in latitude and longitude coordinates.



Full Extent: Use this tool to zoom back out to the full map extent.



Pan: Use this tool to click on the map and move it around in the window with your mouse.



Print: Click this button to create a .jpg image of the map currently displayed, and then print or import the .jpg image into a document.



Marine Fish Tool: Use this tool to find all EFH species present within the area you select. When you click on an area, a pop up window will return information about the species present in the area. (Note: If your browser has a popup-blocker, you will need to hold the Ctrl-key down while clicking on a location.)



Freshwater Fish Tool: Use this tool to go to the State of Alaska, Department of Fish and Game's Anadromous Fish Streams Interactive Maps which depict the rivers, streams and lakes known to contain anadromous fish species within Alaska (from the mouth to the known upper extent of species usage).



Help: Use this button to access documentation on how to use the website to search for EFH species, how to solve error messages associated with an EFH search, and contact information for EFH and technical questions.

Additional Resources

- [More EFH information](#)
- Explanation of the construction of the [EFH ArcIMS/ArcSDE website](#)

Contact Information

- **For EFH related questions**, please contact the Habitat Conservation Division at: (907) 586-7636, or email: HCD.Alaska@noaa.gov
- **For technical questions** about the ArcIMS website or to report problems about how the site is functioning, please contact Kristen Mabry at: (907) 586-7490 or email: Kristin.Mabry@noaa.gov.